

03-15-SEQLIST-1010

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Arg

35

40

45

Ala Val Leu Gly Leu Ala His Pro Leu Phe

50

55

<210> 150

<211> 60

<212> PRT

<213> Gymnea sylvestre

<400> 150

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20

25

30

Pro Leu Glu Cys Phe Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile

50

55

60

03-15-SEQLIST-1010

<210> 151

<211> 59

<212> PRT

<213> Gymnea sylvestre

<400> 151

Met His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys Val

1 5 10 15

Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu Pro

20 25 30

Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser Gly

35 40 45

Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile

50 55

<210> 152

<211> 60

<212> PRT

<213> Gymnema sylvestre

<400> 152

03-15-SEQLIST-1010

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Asp Cys  
1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile  
50 55 60

<210> 153

<211> 50

<212> PRT

<213> *Gymnea sylvestre*

<400> 153

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
20 25 30

## 03-15-SEQLIST-1010

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Asn

50

&lt;210&gt; 154

&lt;211&gt; 60

&lt;212&gt; PRT

<213> *Gymnema sylvestre*

&lt;400&gt; 154

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Gly

20

25

30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile

50

55

60

&lt;210&gt; 155

03-15-SEQLIST-1010

<211> 47

<212> PRT

<213> Gymnea sylvestre

<400> 155

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly

35 40 45

<210> 156

<211> 46

<212> PRT

<213> Gymnea sylvestre

<400> 156

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20 25 30

03-15-SEQLIST-1010

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys  
 35 40 45

<210> 157

<211> 48

<212> PRT

<213> Gymnea sylvestre

<400> 157

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Arg  
 35 40 45

<210> 158

<211> 61

<212> PRT

<213> Gymnea sylvestre

<400> 158

03-15-SEQLIST-1010

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
20 25 30

Pro Leu Glu Cys Phe Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ser Asn  
50 55 60

<210> 159

<211> 60

<212> PRT

<213> Gymnea sylvestre

<400> 159

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
20 25 30

## 03-15-SEQLIST-1010

Pro Phe Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile

50

55

60

&lt;210&gt; 160

&lt;211&gt; 60

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 160

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20

25

30

Pro Leu Glu Cys Leu Gly His Gly Leu Trp Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile

50

55

60

&lt;210&gt; 161



03-15-SEQLIST-1010

<211> 60

<212> PRT

<213> *Gymnema sylvestre*

<400> 161

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20 25 30

Pro Leu Glu Cys Leu Gly His Val Leu Gly Tyr Ala Tyr Cys Gly Ser

35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile

50 55 60

<210> 162

<211> 55

<212> PRT

<213> *Gymnea sylvestre*

<400> 162

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

03-15-SEQLIST-1010

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser His  
 50 55

<210> 163

<211> 59

<212> PRT

<213> gymnea sylvestre

<400> 163

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Arg Ser Pro Thr Leu Ser Cys Cys Glu Pro Leu Glu  
 20 25 30

Cys Leu Arg Val Tyr Leu Glu His Trp Phe Cys Gly Ser Gly Ser Gly  
 35 40 45

03-15-SEQLIST-1010

Ser Ser Leu Val Ala Ser Ala Ser Ala Ile Asn  
 50 55

<210> 164

<211> 60

<212> PRT

<213> Gymnea sylvestre

<400> 164

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Gln Leu Cys Ala Leu His Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Val Arg Met Met Phe Leu Val His Arg Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile  
 50 55 60

<210> 165

<211> 61

<212> PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 165

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Asn Trp Val Thr Pro Met Arg Cys Glu

20 25 30

Pro Leu Glu Cys Val Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly

35 40 45

Ser Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile

50 55 60

&lt;210&gt; 166

&lt;211&gt; 61

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 166

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Val Phe Tyr Phe Pro Asn Cys Cys Glu

## 03-15-SEQLIST-1010

20

25

30

Pro Leu Glu Cys Val Arg Trp Val Asn Asp Asn Tyr Gly Trp Cys Gly

35

40

45

Ser Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile

50

55

60

&lt;210&gt; 167

&lt;211&gt; 61

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 167

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Thr Thr Ala Ser Lys Ser Cys Cys Glu

20

25

30

Pro Leu Glu Cys Val Lys Trp Thr Asn Glu His Phe Gly Thr Cys Gly

35

40

45

Ser Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile

50

55

<210> 168

<211> 58

<212> PRT

<213> Gymnea sylvestre

<400> 168

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Met Ser Met Ala Cys Val Cys Cys Glu

20

25

30

Pro Leu Glu Cys Val Lys Tyr His Gly Tyr Phe Trp Leu Cys Cys Gly

35

40

45

Ser Gly Ser Ser Gly Ser Ser Leu Val Glu

50

55

<210> 169

<211> 61

<212> PRT

<213> Gymnea sylvestre

<400> 169

03-15-SEQLIST-1010

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
1 5 10 15

Val Lys Lys Asp Glu Leu Cys Ser Val Trp Tyr Arg Val Cys Cys Glu  
20 25 30

Pro Leu Glu Cys Val Thr Pro Asp Trp Ser Gly Ile Leu Tyr Cys Gly  
35 40 45

Ser Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile  
50 55 60

<210> 170

<211> 52

<212> PRT

<213> Gymnea sylvestre

<400> 170

Ser Ser Ser Gly Ser Gly Cys Val Lys Lys Asp Glu Leu Cys Glu Leu  
1 5 10 15

Ala Ile Asp Val Cys Cys Glu Pro Leu Glu Cys Val Leu Gly His Gly  
20 25 30

03-15-SEQLIST-1010

Leu Gly Tyr Ala Tyr Cys Gly Ser Gly Ser Ser Gly Ser Ser Leu Val  
 35 40 45

Ala Ser Ala Ile  
 50

<210> 171

<211> 60

<212> PRT

<213> Gymnea sylvestre

<400> 171

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile  
 50 55 60



03-15-SEQLIST-1010

<210> 172

<211> 60

<212> PRT

<213> *Gymnema sylvestre*

<400> 172

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35 40 45

Val Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile

50 55 60

<210> 173

<211> 58

<212> PRT

<213> *Gymnea sylvestre*

<400> 173

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
35 40 45

Gly Ile Leu Gly Leu Ala His Pro Leu Phe  
50 55

<210> 174

<211> 60

<212> PRT

<213> Gymnea sylvestre

<400> 174

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
35 40 45

03-15-SEQLIST-1010

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Val Phe  
 50 55 60

<210> 175

<211> 56

<212> PRT

<213> Gymnea sylvestre

<400> 175

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Leu Gly Leu Ala His Pro  
 50 55

<210> 176

<211> 54

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&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 176

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Arg  
 50

&lt;210&gt; 177

&lt;211&gt; 53

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 177

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

03-15-SEQLIST-1010

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Leu  
 50

<210> 178

<211> 55

<212> PRT

<213> Gymnea sylvestre

<400> 178

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser His

50

55

&lt;210&gt; 179

&lt;211&gt; 54

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 179

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20

25

30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Ser Ser Gly Ser Ser

50

&lt;210&gt; 180

&lt;211&gt; 54

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

## 03-15-SEQLIST-1010

&lt;400&gt; 180

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35 40 45

Gly Ser Ser Gly Ser Arg

50

&lt;210&gt; 181

&lt;211&gt; 45

&lt;212&gt; PRT

<213> *Gymnea sylvestre*

&lt;400&gt; 181

Ser Gly Ser Ser Ser Gly Ser Gly Cys Val Lys Lys Asp Glu Leu Cys

1 5 10 15

Glu Leu Ala Ile Asp Val Cys Cys Glu Pro Leu Glu Cys Leu Gly His

20 25 30

Gly Leu Gly Tyr Ala Tyr Cys Gly Ser Gly Ser Ser Gly  
                   35                  40                  45

<210> 182

<211> 52

<212> PRT

<213> Gymnea sylvestre

<400> 182

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
   1                  5                  10                  15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
                   20                  25                  30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
                   35                  40                  45

Gly Ser Ser Asp  
                   50

<210> 183

<211> 51

<212> PRT



03-15-SEQLIST-1010

<213> Gymnea sylvestre

<400> 183

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
35 40 45

Gly Ser Ser  
50

<210> 184

<211> 51

<212> PRT

<213> Gymnea sylvestre

<400> 184

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
1 5 10 15

03-15-SEQLIST-1010

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20

25

30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Ser Tyr

50

<210> 185

<211> 51

<212> PRT

<213> *Gymnea sylvestre*

<400> 185

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20

25

30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Cys Ser Tyr

50

&lt;210&gt; 186

&lt;211&gt; 50

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 186

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20

25

30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Arg

50

&lt;210&gt; 187

&lt;211&gt; 49

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

## 03-15-SEQLIST-1010

&lt;400&gt; 187

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Thr  
 35 40 45

Ala

&lt;210&gt; 188

&lt;211&gt; 49

&lt;212&gt; PRT

<213> *Gymnema sylvestre*

&lt;400&gt; 188

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

03-15-SEQLIST-1010

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly

<210> 189

<211> 45

<212> PRT

<213> Gymnea sylvestre

<400> 189

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr  
 35 40 45

<210> 190

<211> 60

<212> PRT

<213> *Gymnema sylvestre*

&lt;400&gt; 190

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Val Phe

50 55 60

&lt;210&gt; 191

&lt;211&gt; 51

&lt;212&gt; PRT

<213> *Gymnea sylvestre*

&lt;400&gt; 191

Met His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys Val Lys Lys

1 5 10 15

Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Glu Pro Leu Glu

## 03-15-SEQLIST-1010

20

25

30

Cys Trp Leu Gly His Gly Leu Gly Tyr Ala His Cys Gly Ser Gly Ser

35

40

45

Ser Gly Ser

50

&lt;210&gt; 192

&lt;211&gt; 61

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 192

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Glu Cys Cys Glu

20

25

30

Pro Leu Glu Cys Val Thr Lys Gly Asp Leu Gly Phe Arg Lys Cys Gly

35

40

45

Ser Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile

50

55

<210> 193

<211> 50

<212> PRT

<213> *Gymnea sylvestre*

<400> 193

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Ala Arg Trp Asp Leu Val Cys Cys Glu

20

25

30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Ser

50

<210> 194

<211> 50

<212> PRT

<213> *Gymnea sylvestre*

<400> 194



03-15-SEQLIST-1010

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Ala Arg Trp Asp Leu Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Tyr  
 50

<210> 195

<211> 54

<212> PRT

<213> Gymnea sylvestre

<400> 195

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Ala Arg Trp Asp Leu Val Cys Cys Glu  
 20 25 30

03-15-SEQLIST-1010

Pro Leu Glu Cys Ile Tyr Thr Ser Glu Leu Tyr Ala Thr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Arg  
 50

<210> 196

<211> 60

<212> PRT

<213> Gymnea sylvestre

<400> 196

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Thr Thr Ala Ser Lys Ser Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Lys Trp Thr Asn Glu His Phe Gly Thr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile  
 50 55 60

03-15-SEQLIST-1010

<210> 197

<211> 58

<212> PRT

<213> Gymnea sylvestre

<400> 197

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Thr Thr Ala Ser Lys Ser Cys Cys Glu

20 25 30

Pro Leu Glu Cys Lys Trp Thr Asn Glu His Phe Gly Thr Cys Gly Thr

35 40 45

Ala Val Leu Gly Leu Ala His Pro Leu Phe

50 55

<210> 198

<211> 60

<212> PRT

<213> Gymnea sylvestre

<400> 198

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 15

Val Lys Lys Asp Glu Leu Cys Ser Gln Ser Val Pro Met Cys Cys Glu  
20 25 30

Pro Leu Glu Cys Lys Trp Phe Asn Glu Asn Tyr Gly Ile Cys Gly Ser  
35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile  
50 55 60

<210> 199

<211> 60

<212> PRT

<213> Gymnea sylvestre

<400> 199

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
35 40 45

03-15-SEQLIST-1010

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile  
 50 55 60

<210> 200

<211> 60

<212> PRT

<213> Gymnea sylvestre

<400> 200

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Asp  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile  
 50 55 60

<210> 201

<211> 60

## 03-15-SEQLIST-1010

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 201

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Ala Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ile Arg Tyr  
 50 55 60

&lt;210&gt; 202

&lt;211&gt; 59

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 202

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

03-15-SEQLIST-1010

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala  
 50 55

<210> 203

<211> 58

<212> PRT

<213> Gymnea sylvestre

<400> 203

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Ala Val Leu Gly Leu Ala His Pro Leu Phe

50

55

&lt;210&gt; 204

&lt;211&gt; 57

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 204

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20

25

30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Ser Ser Gly Ser Ser Leu Val Ala

50

55

&lt;210&gt; 205

&lt;211&gt; 55

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre



03-15-SEQLIST-1010

<400> 205

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35 40 45

Gly Ser Ser Gly Ser Ser His

50 55

<210> 206

<211> 60

<212> PRT

<213> *Gymnea sylvestre*

<400> 206

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20 25 30

03-15-SEQLIST-1010

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Pro Ser Ser Ile Arg Tyr  
 50 55 60

<210> 207

<211> 58

<212> PRT

<213> Gymnea sylvestre

<400> 207

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Thr  
 35 40 45

Ala Val Leu Gly Leu Ala His Pro Leu Phe  
 50 55

03-15-SEQLIST-1010

<210> 208

<211> 58

<212> PRT

<213> Gymnea sylvestre

<400> 208

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
1 5 10 15

Val Arg Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
35 40 45

Gly Ser Leu Gly Leu Ala His Pro Leu Phe  
50 55

<210> 209

<211> 53

<212> PRT

<213> Gymnea sylvestre

<400> 209

## 03-15-SEQLIST-1010

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35 40 45

Gly Ser Ser Gly Ser

50

&lt;210&gt; 210

&lt;211&gt; 58

&lt;212&gt; PRT

&lt;213&gt; gymnea sylvestre

&lt;400&gt; 210

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Arg

## 03-15-SEQLIST-1010

35

40

45

Ala Val Leu Gly Leu Ala His Pro Leu Phe

50

55

&lt;210&gt; 211

&lt;211&gt; 58

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 211

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20

25

30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser

50

55

&lt;210&gt; 212

## 03-15-SEQLIST-1010

&lt;211&gt; 60

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 212

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Thr Thr Ala Ser Lys Ser Cys Cys Glu

20

25

30

Pro Leu Glu Cys Lys Trp Thr Asn Glu His Phe Gly Thr Cys Gly Ser

35

40

45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile

50

55

60

&lt;210&gt; 213

&lt;211&gt; 61

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 213

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

03-15-SEQLIST-1010

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile Tyr  
 50 55 60

<210> 214

<211> 51

<212> PRT

<213> Gymnea sylvestre

<400> 214

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Tyr

50

&lt;210&gt; 215

&lt;211&gt; 57

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;220&gt;

&lt;221&gt; MISC\_FEATURE

&lt;222&gt; (57)..(57)

&lt;223&gt; xaa is any amino acid

&lt;400&gt; 215

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20

25

30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Ser Ser Gly Ser Ser Leu Glu Xaa

50

55



03-15-SEQLIST-1010

<210> 216

<211> 61

<212> PRT

<213> Gymnea sylvestre

<400> 216

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Arg Tyr

50 55 60

<210> 217

<211> 47

<212> PRT

<213> Gymnea sylvestre

<400> 217

03-15-SEQLIST-1010

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly  
 35 40 45

<210> 218

<211> 56

<212> PRT

<213> Gymnea sylvestre

<400> 218

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

03-15-SEQLIST-1010

Gly Ser Ser Gly Ser Ser Leu Asp  
50 55

<210> 219

<211> 54

<212> PRT

<213> Gymnea sylvestre

<400> 219

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
35 40 45

Gly Val Leu Gly Leu Ala  
50

<210> 220

<211> 59

<212> PRT

<213> Gymnea sylvestre

03-15-SEQLIST-1010

<400> 220

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala  
50 55

<210> 221

<211> 61

<212> PRT

<213> Gymnea sylvestre

<400> 221

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Glu Cys Cys Glu  
20 25 30

03-15-SEQLIST-1010

Pro Leu Glu Cys Thr Lys Gly Asp Leu Gly Phe Arg Lys Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile Tyr  
 50 55 60

<210> 222

<211> 59

<212> PRT

<213> Gymnea sylvestre

<400> 222

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Glu Phe Trp Val Pro Ser Ser Ile Arg Tyr Leu  
 50 55

03-15-SEQLIST-1010

<210> 223

<211> 58

<212> PRT

<213> Gymnea sylvestre

<400> 223

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser

50 55

<210> 224

<211> 53

<212> PRT

<213> Gymnea sylvestre

<400> 224

03-15-SEQLIST-1010

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser  
 50

<210> 225

<211> 55

<212> PRT

<213> Gymnea sylvestre

<400> 225

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

## 03-15-SEQLIST-1010

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Ser Ser Gly Ser Ser His

50

55

&lt;210&gt; 226

&lt;211&gt; 58

&lt;212&gt; PRT

<213> *Gymnea sylvestre*

&lt;400&gt; 226

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20

25

30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Ala Val Leu Gly Leu Ala His Pro Leu Phe

50

55

&lt;210&gt; 227



03-15-SEQLIST-1010

<211> 54

<212> PRT

<213> Gymnea sylvestre

<400> 227

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
35 40 45

Gly Ile Leu Gly Leu Ala  
50

<210> 228

<211> 60

<212> PRT

<213> Gymnea sylvestre

<400> 228

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
1 5 10 15

03-15-SEQLIST-1010

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Asn  
 50 55 60

<210> 229

<211> 57

<212> PRT

<213> gymnea sylvestre

<400> 229

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala

50

55

<210> 230

<211> 52

<212> PRT

<213> Gymnea sylvestre

<400> 230

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20

25

30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Ser Ser Asp

50

<210> 231

<211> 60

<212> PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 231

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Phe

50 55 60

&lt;210&gt; 232

&lt;211&gt; 56

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 232

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

03-15-SEQLIST-1010

20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35 40 45

Gly Ser Ser Gly Ser Ser Leu Val

50 55

<210> 233

<211> 58

<212> PRT

<213> Gymnea sylvestre

<400> 233

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35 40 45

Gly Ser Ser Gly Leu Ala His Pro Leu Phe

50

55

&lt;210&gt; 234

&lt;211&gt; 60

&lt;212&gt; PRT

<213> *Gymnea sylvestre*

&lt;400&gt; 234

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20

25

30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Asn

50

55

60

&lt;210&gt; 235

&lt;211&gt; 50

&lt;212&gt; PRT

<213> *Gymnea sylvestre*

&lt;400&gt; 235

03-15-SEQLIST-1010

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Arg  
 50

<210> 236

<211> 58

<212> PRT

<213> Gymnea sylvestre

<400> 236

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

03-15-SEQLIST-1010

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Tyr  
 50 55

<210> 237

<211> 59

<212> PRT

<213> Gymnea sylvestre

<400> 237

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala  
 50 55



03-15-SEQLIST-1010

<210> 238

<211> 60

<212> PRT

<213> Gymnea sylvestre

<400> 238

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Asn

50 55 60

<210> 239

<211> 59

<212> PRT

<213> Gymnea sylvestre

<400> 239

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1 5 15

Val Lys Lys Gly Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala  
50 55

<210> 240

<211> 55

<212> PRT

<213> Gymnea sylvestre

<400> 240

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
35 40 45

03-15-SEQLIST-1010

Gly Ser Ser Gly Ser Ser Leu

50

55

<210> 241

<211> 58

<212> PRT

<213> *Gymnea sylvestre*

<400> 241

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu

20

25

30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser

35

40

45

Gly Ser Leu Gly Leu Ala His Pro Leu Tyr

50

55

<210> 242

<211> 60

## 03-15-SEQLIST-1010

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 242

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile  
 50 55 60

&lt;210&gt; 243

&lt;211&gt; 60

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 243

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

03-15-SEQLIST-1010

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Leu Val Ala Ser Arg Tyr  
 50 55 60

<210> 244

<211> 56

<212> PRT

<213> Gymnea sylvestre

<400> 244

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys  
 1 5 10 15

Val Lys Lys Asp Glu Leu Cys Glu Leu Ala Ile Asp Val Cys Cys Glu  
 20 25 30

Pro Leu Glu Cys Leu Gly His Gly Leu Gly Tyr Ala Tyr Cys Gly Ser  
 35 40 45

Gly Ser Ser Gly Ser Ser Leu Val

50

55

&lt;210&gt; 245

&lt;211&gt; 60

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

&lt;400&gt; 245

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Met Trp Ser Arg Glu Val Cys Cys Glu

20

25

30

Leu Leu Glu Cys Tyr Tyr Thr Gly Trp Tyr Trp Ala Cys Gly Ser Gly

35

40

45

Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile Tyr

50

55

60

&lt;210&gt; 246

&lt;211&gt; 58

&lt;212&gt; PRT

&lt;213&gt; Gymnea sylvestre

03-15-SEQLIST-1010

<400> 246

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Ala Ala

1 5 10 15

Ser Arg Lys Thr Ser Ser Ala Ser Trp Arg Ser Thr Cys Ala Val Ser

20 25 30

Pro Ser Ser Ala Trp Gly Thr Ala Trp Gly Thr Arg Thr Ala Ala Ala

35 40 45

Ala Val Leu Gly Leu Ala His Pro Leu Phe

50 55

<210> 247

<211> 59

<212> PRT

<213> *Gymnea sylvestre*

<400> 247

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Ala Ala

1 5 10 15

Ser Arg Lys Thr Ser Ser Ala Ser Trp Arg Ser Thr Cys Ala Val Ser

20 25 30

03-15-SEQLIST-1010

Pro Ser Ser Ala Trp Gly Thr Ala Trp Gly Thr Arg Thr Ala Ala Ala  
 35 40 45

Ala Val Leu Gly Leu Ala His Pro Pro Ile Tyr  
 50 55

<210> 248

<211> 56

<212> PRT

<213> Gymnea sylvestre

<400> 248

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Ala Ala  
 1 5 10 15

Ser Arg Lys Thr Ser Ser Ala Ser Trp Arg Ser Thr Cys Ala Val Ser  
 20 25 30

Pro Ser Ser Ala Trp Gly Thr Ala Trp Gly Thr Arg Thr Ala Ala Ala  
 35 40 45

Ala Val Leu Gly Leu Ala His His  
 50 55



03-15-SEQLIST-1010

<210> 249

<211> 57

<212> PRT

<213> Gymnea sylvestre

<400> 249

Met His His His His His His Ser Gly Lys Leu Arg Ile Leu Arg Gln  
1 5 10 15

Glu Arg Arg Ala Leu Arg Ala Gly Asp Arg Arg Val Leu Ala Pro Arg  
20 25 30

Val Leu Gly Ala Arg Pro Gly Val Arg Val Leu Arg Gln Arg Gln Phe  
35 40 45

Trp Val Pro Ser Ser Ile Arg Tyr Leu  
50 55

<210> 250

<211> 58

<212> PRT

<213> Gymnema sylvestre

<400> 250

## 03-15-SEQLIST-1010

Met His His His His His His Ser Gly Ser Thr Gln Asp Gln Ala Ala

1 5 10 15

Ser Arg Lys Thr Ser Ser Ala Ser Trp Arg Ser Thr Cys Ala Val Ser

20 25 30

Pro Ser Ser Ala Trp Gly Thr Ala Trp Gly Thr Arg Thr Ala Ala Ala

35 40 45

Ala Val Leu Gly Leu Ala His Pro Leu Phe

50 55

&lt;210&gt; 251

&lt;211&gt; 54

&lt;212&gt; PRT

&lt;213&gt; gymnea sylvestre

&lt;400&gt; 251

Met His His His His His Gln Val Ala Gln Leu Arg Ile Arg Leu Arg

1 5 10 15

Gln Glu Arg Arg Ala Leu Arg Ala Gly Asp Arg Arg Val Leu Ala Pro

20 25 30

Arg Val Leu Gly Ala Arg Pro Gly Val Arg Val Leu Arg Gln Arg Gln

03-15-SEQLIST-1010

35

40

45

Phe Trp Val Pro Ser Ser

50

<210> 252

<211> 59

<212> PRT

<213> Gymnea sylvestre

<400> 252

Met His His His His His His Ser Gly Ser Ser Ser Gly Ser Gly Cys

1

5

10

15

Val Lys Lys Asp Glu Leu Cys Met Trp Ser Arg Glu Val Cys Cys Glu

20

25

30

Leu Leu Glu Cys Tyr Tyr Thr Gly Trp Tyr Trp Ala Cys Gly Ser Gly

35

40

45

Ser Ser Gly Ser Ser Leu Val Ala Ser Ala Ile

50

55

<210> 253

03-15-SEQLIST-1010

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 253

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asn Val

1 5 10 15

Ile Pro Leu Asn Glu Val Trp Tyr Asp Thr Gly Trp Asp Arg Pro His

20 25 30

Arg Ser Arg Leu Ser Ile Asp Asp Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 254

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence

03-15-SEQLIST-1010

<400> 254

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Val Gly

1 5 10 15

Thr Thr Ile Arg Ile Ala Gln Asp Thr Glu His Tyr Arg Asn Val Tyr

20 25 30

His Lys Leu Ser Gln Tyr Ser Arg Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 255

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence

<400> 255

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Arg

1 5 10 15

03-15-SEQLIST-1010

Asp Thr Arg Lys Leu His Met Arg His Tyr Phe Pro Leu Ala Ile Asp  
 20 25 30

Ser Tyr Trp Asp His Thr Leu Arg Asp Ala Asn Ala Pro Lys Ala Ser  
 35 40 45

Ala Ile  
 50

<210> 256

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic sequence

<400> 256

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Thr  
 1 5 10 15

Ser Met Gln Gly Glu Thr Leu Trp Arg Thr Asp Arg Leu Ala Thr Thr  
 20 25 30

03-15-SEQLIST-1010

Lys Thr Ser Met Ser His Pro Pro Asp Ala Asn Ala Pro Lys Ala Ser  
 35 40 45

Ala Ile  
 50

<210> 257

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence

<400> 257

Met Gly Arg Gly Ser His His His His His His His Ala Arg Ser Pro  
 1 5 10 15

Leu Trp Tyr His Tyr Asn Cys Trp Asp Thr Ile Cys Leu Ala Asp Trp  
 20 25 30

Leu Lys Asp Arg Pro His Gly Val Tyr Asp Ala Asn Ala Pro Lys Ala  
 35 40 45

Ser Ala

50

&lt;210&gt; 258

&lt;211&gt; 50

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic sequence

&lt;400&gt; 258

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Cys Leu

1

5

10

15

Ala Thr Arg Asn Gly Phe Val Gln Met Asn Thr Asp Arg Gly Thr Tyr

20

25

30

Val Lys Arg Pro Thr Val Leu Gln Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

&lt;210&gt; 259

&lt;211&gt; 50

&lt;212&gt; PRT



03-15-SEQLIST-1010

<213> Artificial Sequence

<220>

<223> Synthetic sequence

<400> 259

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Leu Ser

1 5 10 15

Ala Leu Arg Arg Thr Glu Arg Thr Trp Asn Thr Ile His Gln Gly His

20 25 30

His Leu Glu Trp Tyr Pro Pro Ala Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 260

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence

## 03-15-SEQLIST-1010

&lt;400&gt; 260

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Thr Met

1 5 10 15

Asn Thr Asn Arg Met Asp Ile Gln Arg Leu Met Thr Asn His Val Lys

20 25 30

Arg Asp Ser Ser Pro Gly Ser Ile Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

&lt;210&gt; 261

&lt;211&gt; 50

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic sequence

&lt;400&gt; 261

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asp Trp

1 5 10 15

03-15-SEQLIST-1010

Glu Leu Ser Pro Pro His Val Ala Ile Thr Thr Arg His Leu Ile Asn  
 20 25 30

Cys Thr Asp Gly Pro Leu Leu Arg Asp Ala Asn Ala Pro Lys Ala Ser  
 35 40 45

Ala Ile  
 50

<210> 262

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence

<400> 262

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Leu Asn  
 1 5 10 15

Gly Glu Ser Thr Ser Asn Ile Leu Thr Thr Ser Arg Lys Val Thr Glu  
 20 25 30

Trp Thr Gly Tyr Thr Ala Ser Val Asp Ala Asn Ala Pro Lys Ala Ser

Ala Ile

50

<210> 263

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence

<220>

<221> MISC\_FEATURE

<222> (41)..(41)

<223> xaa is any amino acid

<400> 263

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Gln Val

1 5 10 15

Thr Trp His His Leu Ala Asp Thr Val Thr Thr Lys Asn Arg Lys Cys

20 25 30

Thr Asp Ser Tyr Ile Gly Trp Asn Xaa Ala Asn Ala Pro Lys Ala Ser

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35

40

45

Ala Ile

50

<210> 264

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 264

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ile Ile

1

5

10

15

Val Ile His Asn Ala Ile Gln Thr His Thr Pro His Gln Val Ser Ile

20

25

30

Trp Cys Pro Pro Lys His Asn Arg Asp Asp Ala Asn Ala Pro Lys Ala

35

40

45

Ser Ala

50

&lt;210&gt; 265

&lt;211&gt; 50

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic sequence, no source organism

&lt;400&gt; 265

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ser His  
 1 5 10 15

Cys Arg His Arg Asn Cys His Thr Ile Thr Arg Gly Asn Met Arg Ile  
 20 25 30

Glu Thr Pro Asn Asn Ile Arg Lys Asp Ala Asn Ala Pro Lys Ala Ser  
 35 40 45

Ala Ile  
 50

&lt;210&gt; 266

&lt;211&gt; 50

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

03-15-SEQLIST-1010

<220>

<223> Synthetic sequence

<400> 266

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Gly

1 5 10 15

Leu Ser Gly Thr Gln Thr Trp Lys Ile Thr Lys Leu Ala Thr Arg Leu

20 25 30

His His Pro Glu Phe Glu Thr Asn Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

<210> 267

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 267

03-15-SEQLIST-1010

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Arg  
1 5 10 15

Trp His Asn Trp Gly Leu Ser Asp Thr Val Ala Ser His Pro Asp Ala  
20 25 30

Ser Asn Ser Leu Asn Met Met Tyr Asp Ala Asn Ala Pro Lys Ala Ser  
35 40 45

Ala Asn  
50

<210> 268

<211> 49

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 268

Met Gly Arg Gly Ser His His His His His His Leu Asp Leu Trp Gly  
1 5 10 15

Pro Pro Ser Gly Ser Pro Arg Thr Arg Ser Thr Thr Gly Thr Ser Thr  
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20

25

30

Thr Ser Ser Pro Ser Thr Pro Gly Thr Leu Thr Leu Arg Arg His Pro

35

40

45

His

&lt;210&gt; 269

&lt;211&gt; 49

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic sequence, no source organism

&lt;400&gt; 269

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Gln

1

5

10

15

Pro Glu Val Lys Met Ser Ser Leu Val Asp Thr Ser Gln Thr Val Gly

20

25

30

Ala Ala Val Glu Thr Arg Thr Thr Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

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Ala

<210> 270

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 270

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Trp Thr

1 5 10 15

Ser Met Gln Gly Glu Thr Leu Trp Arg Thr Asp Arg Leu Ala Thr Thr

20 25 30

Lys Thr Ser Met Ser His Pro Pro Asp Ala Asn Ala Pro Lys Ala Ser

35 40 45

Ala Ile

50

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<210> 271

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 271

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Leu Ser  
1 5 10 15

Ala Leu Arg Arg Thr Glu Arg Thr Trp Asn Thr Ile His Gln Gly His  
20 25 30

His Leu Glu Trp Tyr Pro Pro Ala Asp Ala Asn Ala Pro Lys Ala Ser  
35 40 45

Ala Ile  
50

<210> 272

<211> 50

<212> PRT

<213> Artificial Sequence

03-15-SEQLIST-1010

<220>

<223> Synthetic sequence, no source organism

<400> 272

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Leu Ser  
1 5 10 15

Ala Leu Arg Arg Thr Glu Arg Thr Trp Asn Thr Ile His Gln Gly His  
20 25 30

His Leu Glu Trp Tyr Pro Thr Ala Asp Ala Asn Ala Pro Lys Ala Ser  
35 40 45

Ala Ile  
50

<210> 273

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 273

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Lys Asp  
Page 192

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1                      5                      10                      15

Thr Ala Arg Thr Thr Ala Thr Leu Leu Thr Asn Asp Glu Asp Arg Lys  
                     20                      25                      30

Thr His Trp Arg Met Phe Tyr Pro Asp Ala Asn Ala Pro Lys Ala Ser  
                     35                      40                      45

Ala Ile  
                     50

<210> 274

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 274

Met Gly Arg Gly Ser His His His His Tyr His Ala Arg Ser Lys Asp  
  1                      5                      10                      15

Thr Ala Arg Thr Thr Ala Thr Leu Leu Thr Asn Asp Glu Asp Arg Lys  
                     20                      25                      30

03-15-SEQLIST-1010

Thr His Trp Arg Met Phe Tyr Pro Asp Ala Asn Ala Pro Lys Ala Ser  
 35 40 45

Ala Ile  
 50

<210> 275

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 275

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Thr Pro  
 1 5 10 15

Arg Leu Arg Lys Val Tyr Asp Leu Thr Val Thr Thr Thr Ser Ser Gln  
 20 25 30

Ile Asp Lys Leu Gln Pro Ser Arg Asp Ala Asn Ala Pro Lys Ala Ser  
 35 40 45

Ala Ile

50

&lt;210&gt; 276

&lt;211&gt; 50

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic sequence, no source organism

&lt;400&gt; 276

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ser His

1

5

10

15

Cys Arg His Arg Asn Cys His Thr Ile Thr Arg Gly Asn Met Arg Ile

20

25

30

Glu Thr Pro Asn Asn Ile Arg Lys Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

&lt;210&gt; 277

&lt;211&gt; 50

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic sequence, no source organism

&lt;400&gt; 277

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Asp Trp

1

5

10

15

Glu Leu Ser Pro Pro His Val Ala Ile Thr Thr Arg His Leu Ile Asn

20

25

30

Cys Thr Asp Gly Pro Leu Leu Arg Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

&lt;210&gt; 278

&lt;211&gt; 50

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic sequence, no source organism



03-15-SEQLIST-1010

<400> 278

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ile Ser  
1 5 10 15

Leu Ala Gln Tyr Tyr Trp Thr Ala Gln Arg Asp Met His Leu Leu Ile  
20 25 30

Met His Lys Phe Met Asp Met Pro Asp Ala Asn Ala Pro Lys Ala Ser  
35 40 45

Ala Ile  
50

<210> 279

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 279

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Ile Ile  
1 5 10 15

03-15-SEQLIST-1010

Val Ile His Asn Ala Ile Gln Thr His Thr Pro His Gln Val Ser Ile

20

25

30

Trp Cys Pro Pro Lys His Asn Arg Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

<210> 280

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic sequence, no source organism

<400> 280

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Lys Phe

1

5

10

15

Arg Gln Ile Trp Glu Asn Glu Arg Lys Ala His Arg Met Val Met His

20

25

30

03-15-SEQLIST-1010

Gln Phe Tyr Gln Val Ile Arg Pro Asp Ala Asn Ala Pro Lys Ala Ser  
 35 40 45

Ala Ile  
 50

<210> 281

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic sequence, no source organism

<400> 281

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Val Ile  
 1 5 10 15

Val Cys Val Cys Thr Thr Ala Gly Asn Tyr Asn His His Asp Gly Phe  
 20 25 30

Phe Lys Arg Tyr Asp Asn Ser Tyr Asp Ala Asn Ala Pro Lys Ala Ser  
 35 40 45

Ala Ile

50

&lt;210&gt; 282

&lt;211&gt; 50

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic sequence, no source organism

&lt;400&gt; 282

Met Gly Arg Gly Ser His His His His His His Ala Arg Ser Leu Asn

1

5

10

15

Gly Glu Ser Thr Ser Asn Ile Leu Thr Thr Ser Arg Lys Val Thr Glu

20

25

30

Trp Thr Gly Tyr Thr Ala Ser Val Asp Ala Asn Ala Pro Lys Ala Ser

35

40

45

Ala Ile

50

&lt;210&gt; 283

&lt;211&gt; 50

&lt;212&gt; PRT